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Activities undertaken by the Office of Institutional Research at Northern Michigan University during the 1968-1969 fiscal year are summarized in this report. Projects that were completed include a faculty salary survey, a comparison of academic performance and persistence in college between low-achieving students who had taken an early entry 8-week summer course and regular fall entrants, a study of the work load --and another of the teaching load-- of full-time teaching faculty, and reports on the utilization of instructional space and on student enrollments. Also completed were studies of educational expenditures of 1967, undergraduate student attrition from the fall semester of 1968 to the spring semester of 1969, and systematic procedures for the utilization of data processing equipment to prepare faculty-staff directories. Several statistical reports were prepared for government and private agencies in collaboration with other offices. The report also contains summaries of ongoing projects, a list of publications, committee assignments, and other staff activities during the year. (WM)

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ANNUAL PROGRESS REPORT

1968/69

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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OFFICE OF INSTITUTIONAL RESEARCH
Northern Michigan University

June 30, 1969

This report briefly summarizes activities undertaken by the staff of the Office of Institutional Research during the fiscal year 1968/69. Each study completed or in progress required the assistance of members of the faculty, staff, or student body. Their assistance is gratefully acknowledged.

-- Kalmer E. Stordahl --

RESEARCH AND STATISTICAL STUDIES

A. Projects Completed

1. Faculty Salary Survey

Data were obtained and submitted to the University of Northern Iowa for the Central States Colleges and Universities (CSCU) 1968 faculty salary study. CSCU is an informal organization of approximately 40 state colleges and universities in the Mid-west. Institutional studies are cooperatively conducted by CSCU with data analysis and reporting being done by the University of Northern Iowa. A report of the salary study has been received and a restricted distribution of it has been made.

2. Academic Performance and Persistence of Early Entry Institute Students

In the summer of 1966 a special eight -week program designed for students whose high school performance was such as to make them poor academic risks was instituted at Northern. The purpose of this study was to answer the following questions:

(1) Is the academic performance, as measured by course grades, of students in the Early Entry Institute superior to that of fall entrants?

(2) Are students in the Early Entry Institute more persistent as measured by subsequent enrollment, than fall entrants?

During fiscal year 1968/69 a study was designed to answer these questions and data were analyzed for two groups of Early Entry students (Summer 1966 and 1967) and two comparable samples of fall entrants. The study has been completed and a report has been distributed to appropriate faculty committees, administrators, and interested faculty and staff. A manuscript based on the study has been accepted for publication by College and University.

3. Faculty Work Load

During the fall semester of 1966 faculty members were requested to estimate the number of hours they devoted to various professional activities during a typical work week. Almost all the full-time teaching faculty completed the inventory. The study was completed during the past year and a report has been distributed.

4. Space Utilization Study

Data for a study of the utilization of instructional space for the fall semester 1967 were compiled last year ans submitted to CSCU. Information on utilization of classroom, laboratory, athletic, and office space was included. Classroom and laboratory utilization data consisted of both room and student station use by time and day. A report of the study has been received and distributed to major administrative offices.

5. Faculty Teaching Load

Reports of faculty load were issued for the Fall and Spring Semesters. The reports included detailed information on teaching load as well as department heads' estimates of the distribution of faculty effort to four major functions: teaching, research, service, and administration. In addition to these detailed reports a number of summary reports were prepared for budget hearings, and related purposes.

6. Enrollment and Admissions Reports

1. Summer 1968
2. Fall 1968
3. Spring 1969

These reports provide a summary of descriptive data for all students who had applied for admission and/or enrolled for one or more collegiate courses for a given semester. Included are head count and credit hour enrollments by class and sex, head count enrollments by major, minor, marital status, home residence, etc. Also included is a brief summary of admissions applications received, action taken on the applications and enrollment of admitted applicants. Data from these reports are used by State, Federal, and other agencies that annually request student enrollment data, as well as by the Northern Michigan University administration, faculty, and staff.

7. Statistical Reports to Government and Private Agencies

The following reports were made with the assistance of other administrative offices:

A. U.S. Office of Education Higher Education General Information Survey
   a. Degrees and Other Formal Awards.
   b. Library Resources and Facilities.
   c. Employees in Higher Education.

d. Students in Higher Education
e. Students Enrolled for Advanced Degrees
f. Comprehensive Report on Enrollment
g. Financial Statistics
h. Institutional Characteristics
i. Projections in Higher Education

B. Budget Division, State of Michigan: Annual Questionnaire

C. American Universities and Colleges: faculty data

D. Michigan Association of Collegiate Registrars and Admissions Officers:

A. Admissions Report
B. Enrollment Report

E. School and Society: Enrollment Report

8. Current Educational Expenditures

In 1967 data for a study of current educational expenditures were submitted to the Central States Colleges and Universities Cooperative Research Program. A report of the study in which 33 midwestern institutions participated, has been received and given limited distribution.

9. Undergraduate Student Attrition

A limited study of undergraduate student attrition from the Fall Semester, 1968 to the Spring Semester, 1969, was completed. A brief memorandum report was given limited distribution.

10. Faculty-Staff Directory

Systematic procedures for using data processing equipment to prepare faculty-staff directories were developed. Information for the directory was obtained by the Office of Institutional Research and with the assistance of the data processing center, computer printouts of all directory entries were prepared for reproduction.

B. Projects in Process

1. Space Inventory

The Committee on Space Analysis and Facility Planning of the Michigan Council of State College Presidents is designing a comprehensive system for inventorying campus facilities, studying utilization of facilities, and projecting future requirements. The inventory procedures are similar to those which have been adopted by The U.S. Department of Health, Education, and Welfare. With minor exceptions the initial inventory has been completed, and a number of preliminary reports have been generated from the inventory for the MCSCP Committee. In addition to putting the inventory into machine processible form, line drawings have been prepared for each floor of each building completed and in service.

2. Unit Cost Study

A cost study for the year 1968/69 is being conducted under the auspices of the Michigan Council of State College Presidents. All state-supported institutions of higher education in Michigan are expected to participate in the cost study. Compilation of required course and financial data for Northern is under way.

3. Student Survey

A standardized questionnaire, the College Student Questionnaire published by the Educational Testing Service, was administered to a stratified random sample of about 10 percent of Northern students. This project was undertaken in cooperation with the Task Force on Student Rights and Responsibilities, and with the assistance of several staff members of the Dean of Students Office. Several preliminary reports have been made to the Task Force and to the Climate of Learning Committee. More detailed analyses of the data are underway and several reports during the coming year are anticipated.

4. Student Attrition and Performance

A longitudinal study of student attrition and performance was initiated in cooperation with a subcommittee of the Task Force on the Future of the University. The entering freshmen class of Fall 1963 was chosen for study as a considerable amount of information in machine processible form was already available for the class. Pre-entrance data and each students record of credits and grade points for each semester enrolled have been collected from University records and

Student Attrition and Performance (cont.)

punched into IBM cards. Specific analyses of this "data bank" are yet to be planned and completed.

5. Instructional Load Study

Data were obtained and submitted for an instructional load study being conducted cooperatively by the Central States Colleges and Universities research program. It is anticipated that approximately 35 to 40 midwestern institutions will participate in the study; a report is expected in the fall of 1969.

OTHER ACTIVITIES

Committee Assignments

A. 1. Mr. Ingall

Committee on Space Utilization and Facilities Planning of the Michigan Council of State College Presidents.

2. Dr. Stordahl:

Committee on Space Utilization and Facilities Planning of the Michigan Council of State College Presidents.

Michigan Education Research Council. Represented Northern on the Michigan Educational Research Council. Membership of the council includes colleges and universities, metropolitan school systems, and professional associations.

B. Consultation and Related Activities

1. Assistance was provided to a number of faculty members on research projects including doctoral studies. Assistance was also given to two of the Task Forces in the planning and conduct of surveys of faculty and students.

2. Dr. Stordahl served as consultant to the U.S. Office of Education in the review of research proposals submitted to the Bureau of Research.

C. Publications

The following were prepared and have been accepted for publication:

Kalmer Stordahl, "Student Perception of Influence of College Choice," Journal of Educational Research. In press.

Kalmer Stordahl, "Influence on Voluntary Withdrawal From College," College and University. In Press.

Kalmer Stordahl, "Evaluation of a Program for the Poor College Risk," College and University. In press

D. Conventions and Conferences Attended

1. Mr. Ingall:

Committee on Space Analysis and Facility Planning of the MCSCP-- East Lansing, Michigan

Midwest Workshop on Institutional Research- - Minneapolis, Minn.

2. Dr. Stordahl:

Central State Colleges and Universities cooperative research representatives in Spearfish, South Dakota

Association for Institutional Research-- Chicago, Illinois

MCSCP Committee on Space Analysis and Facility Planning-- East Lansing, Michigan -- Two Meetings

MERC Meeting-- Ferris State College

Cost Study Committee of Michigan Council of State College Presidents-- East Lansing, Michigan --- Two Meetings

American Educational Research Association -- Chicago, Illinois

APPENDIX
Reports Available

1. Academic Performance and Persistence of Early Entry Institute Students (1968)

2. Analysis of Instructional Space Utilization, Northern Michigan University, Fall Semester, 1965/66 (1966)

3. Contribution of Northern Michigan University to the Economy of the Marquette Area (1966)

4. Cultural Background of Students at Northern Michigan University (1966)

5. Follow-up Study of Northern Michigan University Master of Arts Graduates (1966)

6. Influences on College Choice (1968)

7. Prediction of Success in Graduate Studies (1966)

8. Profile of the 1966 Freshman Class (1967)

9. Student Perceptions of their Voluntary Withdrawal From Northern (1967)

10. Faculty Work Load (1968)

11. Scheduled Instructional Activities of Faculty (1967)

12-20. Enrollment and Admissions Report

Summer 1966	Summer 1967	Summer 1968
Fall 1966	Fall 1967	Fall 1968
Spring 1967	Spring 1968	Spring 1969

21-27. Statistical Summary of Collegiate Instruction

Fall 1964	Spring 1966
Spring 1965	Summer 1966
Fall 1965	Fall 1966

Copies of these reports may be obtained from the Institutional Research Office.

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